

(81) Designated States:

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO Patent (GH, KE, LS, MW, SD, SZ, UG, ZW), European Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published: *With International Search Report. Prior to the expiry of the period allowed for amendments to the patent claims. To be re-published if changes are made.*

(54) Title: OZONE-INDUCED GENE EXPRESSION IN PLANTS

(57) Abstract *[Copied verbatim from the German original]*

The present invention relates to new DNA sequences, a method for producing new plants which contain a new DNA sequence, the coding sequence thereof being expressed after ozone induction. The invention also relates to said new plants and the use of DNA sequences to produce ozone-responsive gene expression in plants and plant cells. Moreover, it relates to a new promoter, the specificity thereof being increased by removal of the ozone response capacity thereof.